



MAKHTESHIM  
A G A N  
NORTH AMERICA

# Silencer™ Insecticide

EPA Reg. No. 66222-104

For Control of Russian Wheat Aphid, Cereal Leaf Beetle,  
Cutworms in Barley

SECTION 18 EMERGENCY EXEMPTION

File Symbol: 07-MT-03

Effective Date: 04-19-07

Expiration Date: 07-30-07

## RESTRICTED USE PESTICIDE

### DUE TO TOXICITY TO FISH AND AQUATIC ORGANISMS

FOR RETAIL SALE TO AND USE ONLY BY CERTIFIED APPLICATORS OR PERSONS UNDER THEIR DIRECT SUPERVISION AND ONLY FOR THOSE USES COVERED BY THE CERTIFIED APPLICATOR'S CERTIFICATION.

## FOR DISTRIBUTION AND USE ON BARLEY IN THE STATE OF MONTANA ONLY DURING 2007 EMERGENCY EXEMPTION PURSUANT TO SECTION 18 OF FIFRA, AS AMENDED

This labeling must be in possession of the user at the time of pesticide application.  
Read entire Directions for Use and Disclaimer of Warranties before using this product.  
Follow all applicable directions, restrictions, Worker Protection Standard requirements, and precautions on the registered product label for Silencer Insecticide (EPA Registration Number 66222-104).  
Any adverse effects resulting from the use of Silencer Insecticide under this Emergency Exemption must be immediately reported to the Montana Department of Agriculture.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.  
A total of 100,000 acres of barley may be treated in Montana counties.

### RECOMMENDED APPLICATIONS

CROP	TARGET PESTS	RATE		MINIMUM SPRAY VOLUME- GALLONS/ACRE
		Fl. oz./A	lb.ai/A	
Barley	Russian Wheat Aphid Cereal Leaf Beetle	3.84	0.03	Ground-10 Air-5
	Cutworm spp.	1.92-2.56	0.015-0.02	Ground-10 Air-5

#### Restrictions:

- Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.
- Do not apply within 30 days of harvest.
- Do not apply more than 7.68 fl. oz. (0.06 lb.ai) per acre per season. A maximum of two applications per acre per season are allowed.

### ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish and aquatic organisms and toxic to wildlife. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment wash waters.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

### SPRAY DRIFT PRECAUTIONS

**OBSERVE THE FOLLOWING PRECAUTIONS WHEN SPRAYING IN THE VICINITY OF AQUATIC AREAS SUCH AS LAKES, RESERVOIRS, RIVERS, PERMANENT STREAMS, MARSHES OR NATURAL PONDS,**

4/20/2007

**ESTUARIES, AND COMMERCIAL FISH FARM PONDS, POT HOLES, SPRINGS, SWAMPS, BOGS, OR IRRIGATION CANALS CONTAINING WATER YEAR-ROUND.**

- Do not apply by ground within 25 feet or by air within 150 feet of lakes, reservoirs, rivers, permanent streams, marshes, pot holes or natural ponds, estuaries, springs, swamps, bogs, or irrigation canals containing water year-round, and commercial fish farm ponds.
- All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers.
- For aerial applications, the spray boom should be mounted on the aircraft so as to minimize drift caused by wing tip vortices. The minimum practical boom length should be used and must not exceed 75% of wing span or rotor diameter.
- Use the largest droplet size consistent with good pest control. Formation of very small droplets may be minimized by appropriate nozzle selection, by orienting nozzles away from the air stream as much as possible, and by avoiding excessive spray boom pressure.
- Spray should be released at the lowest height consistent with pest control and flight safety. Applications more than 10 feet above the crop canopy should be avoided.
- Make aerial or ground applications when the wind velocity favors on-target product deposition (approximately 3-10 mph). Do not apply when wind velocity exceeds 15 mph. Avoid applications when wind gusts approach 15 mph.
- Risk of exposure to aquatic areas can be reduced by avoiding applications when wind direction is toward the aquatic area.
- Do not cultivate within 10 feet of the aquatic area so as to allow growth of a vegetative filter strip.
- Low humidity and high temperatures increase the evaporation rate of spray droplets and therefore the likelihood of increased spray drift to aquatic areas. Avoid spraying during conditions of low humidity and/or high temperature.
- Do not make aerial or ground applications during temperature inversions. Inversions are characterized by stable air and increasing temperatures with height above the ground. Mist or fog may indicate the presence of an inversion in humid areas. The applicator may detect the presence of an inversion by producing smoke and observing a smoke layer near the ground surface.

**For transportation emergencies, call INFOTRAC 24 hours a day: 1-800-535-5053**

**For medical emergencies, call PROSAR 24 hours a day: 1-877-250-9291**

**For product information, call MANA: 1-866-626-2462**

**Registrant:**

Makhteshim Agan of North America, Inc.  
4515 Falls of Neuse Rd., Suite 300  
Raleigh, NC 27609